

## AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions, and listings, of claims, in the application:

### Listing of Claims:

Claim 1 (currently amended):        ~~An oven or grill~~ A burner, composed of comprising:  
~~two half shells, one whereof is perforated, a first half shell having perforations; and~~  
a second half shell,  
~~which are wherein the first and second half shells are tightly joined together along at~~  
least a portion of their edges, ~~so as to form~~ forming a tubular body communicating with a  
venturi tube, in which fuel gas and combustion air are mixed, and  
~~characterized in that wherein~~ at least two ~~corresponding cooperating~~ ends of the two  
half shells have a truncated profile, ~~so that said providing the~~ tubular body has at least one  
truncated end.

Claim 2 (currently amended):        A The burner as claimed in claim 1,  
~~characterized in that, when the burner is fitted onto the bottom or top wall of the oven, the~~  
wherein the burner is fitted into an oven in a position causing the junction plane between the  
~~two first and second half shells is to be~~ substantially parallel ~~both to the bottom and/or the top~~  
~~of the oven. to an inner oven surface.~~

Claim 3 (currently amended):        A The burner as claimed in claim 1 ~~or 2~~, ~~characterized~~  
~~in that said wherein the~~ truncated end of the tubular body corresponds ~~with the tubular body~~  
~~closing head. to a head closing the tubular body.~~

Claim 4 (currently amended):        A The burner as claimed in ~~one or more of the~~  
~~preceding claims, claim 1, characterized in that wherein~~ a flame arc forming head is  
provided at the ~~tubular body end~~ of the tubular body opposite to the truncated end.

Claim 5 (currently amended):        A The burner as claimed in claim 4, ~~characterized in that the ends of the two~~ wherein each of the first and second half shells have ends that are opposite to the truncated ends are made of one piece and that are integral parts with each of the two half respectively the first and second half shells, so that, and wherein when the two half shells are joined together, they automatically form a flame arc forming head is formed when the first and second half shells are joined.

Claim 6 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims claim 1,~~ characterized in that wherein the outer faces of the two half shells are substantially flat and, in the coupled condition, are substantially parallel, ~~so that providing the tubular member has with~~ a substantially flat shape.

Claim 7 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims claim 1,~~ characterized in that, at the truncated end of the tubular body, wherein the truncated ends of the two half shells corresponding to the truncated end of the tubular body are pressed against each other, to seal said end, sealing the truncated end.

Claim 8 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims claim 7,~~ characterized in that wherein at least one of the ~~two truncated ends of the two half shells, but preferably both truncated ends of the two half shells, pressed against each other, extend~~ forming the truncated end extends beyond the ~~closing area truncated end~~ and are deformed in such a manner as to form and deforms to create a base, with which to allow the burner to can be fastened to ~~the bottom or top~~ a wall of the oven.

Claim 9 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims,~~ characterized in that it includes claim 1, further comprising a venturi tube connected to the burner and for supplying the air/gas an air and gas mixture to the burner, which is fitted the venturi tube being situated in an offline-offset position with respect to the longitudinal axis of the burner, body or to the mixture propagation axis.

Claim 10 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims,~~ characterized in that claim 9, wherein an opening, ~~particularly having a~~

~~circular shape~~, is provided on the outer face of one of the two half shells, the opening being situated at the end of the burner corresponding to the at the flame arc forming head, end, an end of the venturi tube being sealed thereto to the opening and providing, said end having an air/gas a supply opening of gas and air, whose the venturi tube further having a median longitudinal axis is in a staggered- transverse position with respect to the median longitudinal axis of the tubular body.

Claim 11 (currently amended): A burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 9, wherein the median longitudinal axis of the venturi tube is coplanar substantially parallel to the median longitudinal axis of the tubular body, with respect to a plane perpendicular to the separator/junction plane between the two half shells, or the two axes are oriented transverse to each other, so that the venturi tube is oriented transverse to the tubular body.

Claim 12 (currently amended): A burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, further comprising one or more walls inside the burner that direct the flow of the gas/air mixture of air and gas and that provide conveying walls are provided, to ensure an even distribution of said the mixture inside the burner and to the outlet holes, exit points from the burner.

Claim 13 (currently amended): ~~A- The burner as claimed in one or more of the preceding claims, characterized in that~~ claim 12, wherein each of said inner walls consists of the one or more walls a recess or inner profile, is obtained by squeezing deformation and by the formation of forming a groove or throat on the outer faces face of at least one of the half shells.

Claim 14 (currently amended): ~~A- The burner as claimed in one or more of the preceding claims, characterized in that~~ claim 1, further comprising a continuous groove on each of the two half shells has a continuous U- or V-shaped groove at in the proximity of the peripheral edge of each of the outer faces, face, which corresponds to a continuous U- or V-shaped the grooves being situated in an offset position to create inner a recess, inside the

burner running essentially parallel to the perimeter of whose arched section covers the flame arc forming head area, wherein the grooves are U-shaped or V-shaped.

Claim 15 (currently amended):      ~~A~~ The burner as claimed in ~~one or more of the preceding claims, characterized in that the stems of each U- or V-shaped~~ claim 14, wherein the recess end at extends to a predetermined distance from the truncated end of the tubular body.

Claim 16 (currently amended):      ~~A~~ The burner as claimed in ~~one or more of the preceding claims, characterized in that said~~ claim 14, wherein two U- or V-shaped inner recesses have such a size or are arranged in such a manner as grooves are dimensioned and positioned to form a slot for transversely conveying recess inside the burner forcing the air and gas mixture along at least a portion of their the longitudinal extension of the recess in a direction transverse to the undisturbed flow direction of the mixture.

Claim 17 (currently amended):      ~~A~~ The burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 14, wherein the sum of the height extensions of said two U- or V-shaped inner recesses dimension of the recess in a direction substantially perpendicular to the two half shells is smaller than the distance between the two inner faces of the two half shells.

Claim 18 (currently amended):      ~~A~~ The burner as claimed in ~~one or more of the preceding claims, characterized in that said two U- or V-shaped~~ claim 14, inner having two recesses extend grooves extending at least partly in staggered positions, in such a manner as to form and forming a continuous slot recess for conveying the air and gas mixture in a direction transverse to the undisturbed flow direction of the mixture.

Claim 19 (currently amended):      ~~A~~ The burner as claimed in ~~one or more of the preceding claims, characterized in that the U- or V-shaped~~ claim 18, wherein the grooves recesses have one or more mutual contact portions along their longitudinal ends profiles.

Claim 20 (currently amended):      A The burner as claimed in claim 19, ~~characterized in that, wherein in the one or more mutual contact portions of the grooves are U- or V-shaped facing recesses, the two half shells are further joined together~~ connected by a mechanical process means, e.g. by crimping and/or fastening or by fastening or by welding.

Claim 21 (currently amended):      A The burner as claimed in claim 19 ~~or 20, characterized in that wherein~~ the mutual contact portions of the ~~facing half shell inner recesses~~ grooves situated along each ~~lateral longitudinal wall of the burner~~ are disposed symmetrically with respect to the center median longitudinal axis of the burner.

Claim 22 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims 12 to 21, characterized in that claim 18, wherein~~ the end crest ~~or strip~~ of at least one of the inner ~~facing recesses~~ faces of the grooves has a corrugated shape, ~~to generate generating~~ widened portions of the recess, conveying slot and/or transverse passage channels between the central chamber, delimited by the inner longitudinal recesses on the opposite longitudinal sides of the burner and the lateral longitudinal compartments delimited on one side by the corresponding pair of inner facing recesses and on the other side by the associated lateral longitudinal wall of the burner.

Claim 23 (currently amended):      A The burner as claimed in claim 22, ~~characterized in that wherein the inner faces of both inner facing recesses~~ grooves are shaped with a corrugated end crest, ~~or strip, said two corrugated profiles~~ the corrugated crests being symmetric to each other with respect to the separator plane between ~~said two inner facing recesses~~ the inner faces of the two grooves.

Claim 24 (currently amended):      A The burner as claimed in claim ~~22 or 23, characterized in that the inner facing recesses~~ wherein the tips of facing corrugated crests are ~~also spaced at the apices of their corrugated profiles, offset from each other.~~

Claim 25 (currently amended):      A- The burner as claimed in claim ~~22 or 23, characterized in that the inner facing recesses~~ wherein facing corrugated crests are ~~have tips~~

in contact with each other ~~for at least a portion of their apices and at all apices of the~~  
~~corrugated profiles.~~

Claim 26 (currently amended):      A The burner as claimed in ~~one or more of the~~  
~~preceding claims 22 to 25, characterized in that~~ claim 23, wherein the transverse passage  
channels generated by the corrugated ~~profile~~ profiles of the crests ~~or end portions of the inner~~  
~~facing recesses~~ have an inclined orientation with respect to a direction perpendicular to the  
axis of the burner ~~and/or the inner recesses.~~

Claim 27 (currently amended):      A The burner as claimed in claim 26, ~~characterized in~~  
~~that~~ wherein the transverse passage channels are parallel to each other.

Claim 28 (currently amended):      A The burner as claimed in claim 26 ~~or 27,~~  
~~characterized in that, wherein at least a group of the transverse~~ passage channels are equally  
spaced, ~~at least in groups.~~

Claim 29 (currently amended):      A The burner as claimed in ~~one or more of claims 26 to~~  
~~28, characterized in that~~ claim 26, wherein the transverse passage channels are oriented in a  
direction diverging from the ~~median inner~~ area of the burner ~~toward to the corresponding side~~  
~~wall in the gas flow direction inside~~ sides of the burner.

Claim 30 (currently amended):      A The burner as claimed in ~~one or more of claims 26 to~~  
~~29, characterized in that~~ claim 26, wherein the transverse passage channels, ~~formed in the two~~  
~~inner facing recesses, each formed along one of the lateral longitudinal walls of the burner,~~  
are oriented and arranged symmetrically with respect to a median longitudinal plane ~~of the~~  
~~burner, which plane~~ that is perpendicular to the axis of ~~said~~ the transverse passage channels.

Claim 31 (currently amended):      A The burner as claimed in ~~one or more of claims 1 to~~  
~~30, characterized in that~~ claim 1, wherein the longitudinal intermediate section ~~between the~~  
~~two pairs of inner facing recesses of~~ portion of the burner ~~at least one of the two half shells~~  
has an ~~arched,~~ particularly has a cylindrical shape, in at least one of the half shells, the

cylindrical shape having ~~with~~ an axis substantially parallel to ~~or coincident with~~ the burner axis.

Claim 32 (currently amended):      A The burner as claimed in claim 31, ~~characterized in that wherein the longitudinal intermediate section between the two inner lateral recesses of each of the two half shells has an arched or cylindrical shape~~ portion has a cylindrical shape in each of the half shells.

Claim 33 (currently amended):      A ~~The~~ burner as claimed in claim 32, ~~characterized in that the intermediate sections between the two inner recesses of the two half shells wherein the cylindrical shapes are symmetrical to each other with respect to the separator plane between the two half shells.~~ in relation to each other.

Claim 34 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims 31 to 33, characterized in that~~ claim 31, wherein the arched median section of the half shells extends from the venturi tube to a predetermined distance from the opposite end of the inner recesses and at a certain distance from the burner, end opposite to the gas and air mixture inlet end, the two half shells being flat or substantially flat in the proximity of the opposite end of the burner. ~~said end section.~~

Claim 35 (currently amended):      A ~~The~~ burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, further comprising a plurality of bolts extending from the outer face of one of the half shells shell that does not carry the venturi tube has at least two bolts for centering and/or fastening, wherein the plurality of bolts connects a parabolic reflector to the burner, and wherein the parabolic reflector which has a pair plurality of corresponding holes, which bolts extend perpendicular to said face. cooperating holes.

Claim 36 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that one, but preferably both~~ claim 35, wherein of said two bolts are threaded and that the parabolic reflector is secured thereon by tightening a threaded nut on each of said bolts in corresponding manners, or that one but preferably both

~~bolts have an unthreaded outer shell, and the parabolic reflector is secured by force fitting thereon an elastic ring, or the like.~~ secured to the burner by inserting the plurality of bolts in the plurality of cooperating holes and by inserting a locking member around the free ends of the bolts.

Claim 37 (currently amended):      A ~~The~~ burner as claimed in ~~claims 31 to 36,~~ characterized in that ~~the parabola~~ claim 35, wherein the parabolic reflector has a median longitudinal strip that is in contact with the median arched longitudinal portion of the associated half shell, which strip forms an arc and wherein the median longitudinal strip and the median longitudinal portion have substantially corresponding to said median arched portion of the half shell. arched profiles.

Claim 38 (currently amended):      A ~~The~~ burner as claimed in ~~one or more of the preceding claims,~~ characterized in that it includes claim 1, further comprising a pilot burner that is made of one piece with the burner an integral part of the body of the burner.

Claim 39 (currently amended):      A ~~The~~ burner as claimed in ~~one or more of the preceding claims,~~ characterized in that claim 38, wherein the pilot burner is obtained by bending and securing together peripheral half shell-coupling flanges on each of the half shells, that are riveted or drawn, particularly in the direction of the parabolic reflector-carrying half shell, so as to form a channel, whose the channel having an outer side wall that is opposite to, and at least partly at a predetermined distance from, the side wall of one of the two half shells, particularly the parabolic reflector-carrying half shell, and at least partly at a predetermined distance therefrom, which the side wall of said the half shell has at having at least one row of aligned holes, to that supply the gas/air mixture a mixture of gas and air to the pilot burner.

Claim 40 (currently amended):      A ~~The~~ burner as claimed in ~~one or more of the preceding claims,~~ characterized in that said claim 38, wherein the pilot burner has a substantially U or V-shaped U-shaped extension that includes an, whose arched portion extends extending along the flame arc forming head and whose one or more stems substantially ending end substantially at the truncated end of the tubular body.



Claim 41 (currently amended):       A The burner as claimed in ~~one or more of the preceding claims, characterized in that it has claim 38, further comprising~~ a substantially transverse ignition duct, ~~which that~~ is oriented toward the accessible burner side, ~~with respect to the mounted condition, which and that~~ opens[[,]] at one end[[,]] in front of the gas/air mixture supplying a plurality of holes supplying the mixture of air and gas, and in which a part of said mixture is conveyed for manual ignition.

Claim 42 (currently amended):       A The burner as claimed in ~~one or more of the preceding claims, characterized in that claim 41, further comprising a the~~ parabolic reflector ~~has, in connected to one of the half shells and a pilot burner, wherein the parabolic reflector has the end section of one of the two stems of the pilot burner,~~ a spout-like extension which ~~forms~~ forming the burner ignition tube.

Claim 43 (currently amended):       A- The burner as claimed in ~~one or more of the preceding claims, characterized in that the parabolic reflector has, in the end section of one of the two stems of the pilot burner,~~ claim 42, wherein the parabolic reflector has a slot-like aperture which that is obtained by breaking the material of forming the parabolic reflector and bending the edges of the ~~slot aperture~~ toward the pilot burner [[,]] in such a manner as to form the burner ignition tube.

Claim 44 (currently amended):       A The burner as claimed in ~~one or more of the preceding claims, characterized in that the trineated claim 1, further comprising a separate closing member at the truncated end of the tubular body,~~ has a separate closing member, particularly a member obtained by die casting or bending and molding a sheet metal blank.

Claim 45 (currently amended):       A The burner as claimed in claim 44, ~~characterized in that said wherein the~~ separate closing member is also the flame arc forming head of the burner.

Claim 46 (currently amended):      A The burner as claimed in claim 45, ~~characterized in that wherein~~ the two half shells are extended ~~[[on]]~~ at the end opposite to the truncated end,  
~~by an aligned to form a venturi tube aligned with the burner.~~

Claim 47 (currently amended):      A The burner as claimed in claim 46, ~~characterized in that the two half shells are extended on the end opposite to the truncated end, by wherein the~~  
venturi tube comprises a pair of additional half shells which form, defining the venturi tube  
~~when joined together, the venturi tube.~~

Claim 48 (currently amended):      A The burner as claimed in claim 46 ~~or 47,~~  
~~characterized in that said, wherein the~~ venturi tube ~~extends by its axis in a direction parallel,~~  
~~particularly coincident, or transverse~~ has a longitudinal axis having a direction relative to the  
longitudinal axis of the burner body, and wherein the direction is parallel or transverse.

Claim 49 (currently amended):      A The burner as claimed in ~~one or more of the~~  
~~preceding claims, characterized in that claim 46, wherein the truncated end of one of the two~~  
~~half shells half shell~~ extends beyond the other ~~one half shell~~ and has ~~a deformation whose~~  
~~shape forms an extension defining a base to allow that enables fastening of~~ the burner to be  
~~fastened to the bottom or top wall of the an oven wall.~~

Claim 50 (currently amended):      A The burner as claimed in ~~one or more of the~~  
~~preceding claims, characterized in that the claim 49, further comprising a closing flame arc~~  
~~forming head has having~~ the shape of a ~~half shell and is force fitted half shell, the closing~~  
flame arc forming head being force fit inside the tubular body of the burner up to abutment of  
the end edge of the shorter half shell against an end-of- stroke abutment ~~provided on the outer~~  
surface of the flame arc forming head, wherein the flame arc forming head ~~which rests, in the~~  
inserted position, on the extension of the ~~other longer~~ half shell.

Claim 51 (currently amended):      A The burner as claimed in ~~one or more of the~~  
~~preceding claims, characterized in that it comprises claim 50, further comprising means for~~  
locking the flame arc forming head in the inserted condition.

Claim 52 (currently amended):      A The burner as claimed in claim 51, ~~characterized in that said~~ wherein the means for locking consist of comprise one or more at least one, but preferably at least two inner ridges, particularly circular bosses, which are bushings that are provided on the flame arc forming head in the proximity of the corresponding end of the shorter half shell end, and are and that each contains an axial slot, engaged in a pair of corresponding slots or holes provided on the facing surface of the part of the flame arc forming head inside the burner.

Claim 53 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 52, wherein the flame arc forming head has the shape of a half shell and the two slots of slots in the bushings the flame arc forming head extend are positioned in a direction perpendicular to the longer half shell, by a pair of tubular bushes respectively, the bushings having such an axial length being of such a dimension that that the openings slots at their free the ends of the bushings are in contact with the inner surface thereof, of the half shells and are engaged with a pair of corresponding inner bosses provided inside the longer one or more half shell.

Claim 54 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 50, wherein the extended section extension of the longer half shell has at least one pair of apertures which form a pair of tabs to be bent and compressed above an outer peripheral flange of the flame arc forming head, particularly having a semicircular shape, which has the function to further in order to secure it to a surface and to prevent preventing removal thereof.

Claim 55 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 38, wherein the pilot burner forms a particularly semicircular channel in the flame arc forming head area, wherein the inner wall whereof of the pilot burner has at least one row of holes communicating with the inner chamber of the flame arc forming head for and supplying the gas/air mixture mixture of air and gas, and wherein the lateral segments of the pilot burner[[,]] are integral with the burner, being and are connected to the ends of said channel



Claim 60 (currently amended):        A The burner as claimed in the preceding claims 56 to 59, ~~characterized in that, wherein~~ on one surface, ~~preferably on the surface turned toward the ignition tube, the plate-like~~ the plate-shaped part has a central continuous groove ~~which opens opening into the transverse groove of the flame arc forming head, and that, wherein,~~ in the mounted condition, the central continuous groove forms another channel with the corresponding burner wall[[,]] for supplying gas to the ignition tube, ~~which groove is the central continuous groove being closer to the end of the ignition tube[[,]] than the through holes for supplying gas to the transverse channel of the flame arc forming head.~~

Claim 61 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims 56 to 60, characterized in that claim 56, the~~ further comprising side flanks have, ~~in a median area of their extension, each having a longitudinal groove which starts from in a median area of their extension, the longitudinal groove starting at the end of the side flank opposite to the transverse end channel, and ends at a certain ending at a predetermined distance from the end having said~~ from the end of the side flank abutted to the transverse channel.

Claim 62 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims 59 to 61, characterized in that claim 61, wherein~~ the transverse wall, the ignition tube and the flanks ~~that surround~~ surrounding the plate-like ~~plate-shaped~~ part[[,]] only project on one side of ~~said plate-like~~ the plate-shaped part, which side is designed to be coupled to the shorter side of the burner end, whereas the opposite side of the ~~plate-like~~ plate-shaped part is completely flat and rests on the longer side of the burner end ~~which forms forming a fastening base or extension.~~

Claim 63 (currently amended):        A The burner as claimed in ~~one or more of the preceding claims, characterized in that the plate-like~~ claim 56, wherein the plate-shaped part has at least two through holes ~~whose axes are~~ having axes perpendicular to the surface ~~subtended defined~~ by said part and which open, at least on the side opposite to the ignition tube, into a slot or transverse recess, and wherein ~~whereas the burner end wall surfaces that are to overlap said~~ overlapping the sides of the plate-like ~~plate-shaped~~ part of the flame arc forming head have complementary and coincident ridges.

Claim 64 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims 59 to 63~~, characterized in that ~~both walls of the burner end, which are designed to overlap the faces of the plate-like part, or one of these walls,~~ claim 63, wherein one or more walls of the burner end that overlap the faces of the plate-shaped part have positioning ribs to delimit a surface which substantially corresponds to the surface covered by the plate-like part, with respect plate-shaped part in relation to its mounted condition.

Claim 65 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims~~, characterized in that claim 56, further comprising a venturi tube, wherein the outer face of each of the two half shells that form forms the burner body and the venturi tube and has, at each side edge, a longitudinal groove, to form, for each half shell, defining a pair of inner longitudinal recesses, that are designed to convey and evenly distribute the gas/air mixture, and that start the recesses starting from the venturi tube area and end ending at a predetermined distance from the flame arc forming head carrying end.

Claim 66 (currently amended):      A The burner as claimed in claim 65, ~~characterized in that wherein~~ the two longitudinal recesses of one half shell are aligned with the two longitudinal recesses of the opposite half shell ~~respectively~~.

Claim 67 (currently amended):      A The burner as claimed in claim 65 ~~or 66~~, characterized in that ~~wherein~~ each longitudinal recess has ~~such~~ a depth ~~that it is in causing it to be at least in partial contact with the corresponding recess of the opposite half shell, at least partly, in the venturi tube section whereas, and wherein,~~ in the burner section, the two longitudinal recesses of at least one of the two half shells have ~~such~~ a depth ~~that their apices causing their crests to run extend at a predetermined distance from the apices crests of their respective the corresponding~~ recesses of the opposite half shell, so as to form a pair of lateral longitudinal slots[[,]] for conveying the gas/air mixture in a direction transverse to the flow direction.

Claim 68 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims~~, characterized in that claim 67, wherein the longitudinal recesses in mutual

contact in the funnel-like end section of the venturi tube are situated at least partly inside the burner body and, and wherein the longitudinal recesses separate, from said end section of the venturi tube, side compartments ~~which extend~~ extending the burner body toward the venturi tube, ~~which outer~~ the side compartments having walls also with ~~have~~ supply holes and ~~communicate providing flow communication~~ with the inside of the burner body.

Claim 69 (currently amended):      ~~A~~ The burner as claimed ~~in one or more of the preceding claims, characterized in that~~ claim 56, wherein even the the end of the tubular body ~~end~~ opposite to the flame arc fanning head has a truncated profile, and wherein the venturi tube is provided as a separate body, which is fitted on said end.

Claim 70 (currently amended):      ~~A~~ The burner as claimed in claim 69, ~~characterized in that wherein~~ the venturi tube is inserted in the burner up to abutment of the end edge of said truncated end against an end-of-stroke step ~~which is formed on the outer surface of the~~ venturi tube.

Claim 71 (currently amended):      ~~A~~ The burner as claimed in claim 69 ~~or 70, characterized in that it comprises~~ further comprising means for locking the venturi tube in the inserted condition.

Claim 72 (currently amended):      ~~A~~ The burner as claimed in claim 71, ~~characterized in that said wherein the means for locking consist of~~ comprise at least one, ~~but preferably at least two inner ridges, particularly circular bosses, which are~~ inner ridge, provided in the proximity of the end of each half shell, and ~~are~~ engaged in a pair of corresponding slots provided on each facing surface of the part of the venturi tube that is situated inside the tubular burner body.

Claim 73 (currently amended):      ~~A~~ The burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 69, wherein the venturi tube is connected to the tubular burner body through an interposed tubular joint, ~~particularly made of a die cast material.~~

Claim 74 (currently amended):      A The burner as claimed in claim 73, ~~characterized in that said~~ wherein the tubular joint is rectilinear so that, in the assembled condition, the venturi tube extends substantially coaxially to the tubular burner body.

Claim 75 (currently amended):      A The burner as claimed in claim 73, ~~characterized in that said~~ wherein the tubular joint has a curved shape so that, in the assembled condition, the venturi tube extends ~~transverse~~ transverse to the tubular burner body.

Claim 76 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that it has~~ claim 69, further comprising means for coupling ~~it~~ the burner to a mounting for supporting in a predetermined position a flame detector thermocouple ~~and/or~~ and a burner igniter.

Claim 77 (currently amended):      A The burner as claimed in claim 76, ~~characterized in that these coupling wherein the~~ means for coupling cause the ~~are such that~~ mutual contact ~~and/or engagement~~ surfaces of the burner and the mounting are to be oriented in at least three non- parallel planes, and to have ~~such~~ rotation preventing means that define the position of the mounting ~~[[is]] accurately and uniquely defined.~~

Claim 78 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 69, wherein the burner end with the flame arc forming head is provided by shaping the truncated ends of two half shells of the burner.

Claim 79 (currently amended):      A The burner as claimed in claim 78, ~~characterized in that wherein~~ the two half shells ~~are shaped in such a manner as to form a flattened end (202, 201), which ends by ending with~~ two perpendicular spaced end tabs, at whose interstice at least one, ~~preferably two~~ gas inflow ~~grooves are~~ groove is formed by shaping the flattened portion of at least one of the ~~or both~~ half shells, ~~and wherein whereas, sideways, a~~ one of the half ~~shell~~ shells forms perpendicular side tabs oriented toward the ~~second~~ other half shell, the latter forming sealing folds at least over a portion of ~~such~~ the perpendicular tabs.



Claim 80 (currently amended):      A The burner as claimed in claim 79, ~~s-characterized in that wherein~~ the flattened portions of the two half shells have, in coincident positions, at least one riveting ~~bush~~ bushing and a hole for the insertion of ~~said bush; respectively: the bushing.~~

Claim 81 (currently amended):      A The burner as claimed in claim 80, ~~characterized in that it has further comprising~~ a fastening base, which is a separate part, the fastening base being-and is provided with a ~~plate-like~~ plate-shaped fastening extension ~~with- having~~ a pair of riveting tabs designed to engage in ~~the holes in the flattened portion of the flattened burner portion with that comprises~~ the flame arc forming head ~~and, the fastening base further having~~ with a hole wherein a riveting ~~bush of~~ bushing extending from the burner's flattened s portion is engaged.[[.]]

Claim 82 (currently amended):      A The burner as claimed in claim 81, ~~characterized in that it has further comprising~~ an ignition tube element ~~with- having~~ a fastening plate ~~which is designed to be interposed between the plate-like~~ connected to the plate-shaped fastening extension of the base and ~~with carrying~~ apertures for the passage of side riveting tabs ~~of the plate-like from the plate-shaped~~ fastening extension of the base.

Claim 83 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that it has~~ claim 82, further comprising opposite side flanges over at least one portion of its length, the ignition tube having a transverse fastening plate ~~whose length corresponds of a length corresponding~~ to the length of the burner with ~~such the~~ side flanges, there being provided, at opposite ends of ~~said transverse ignition tube~~ the fastening plate, at least two riveting tabs around ~~such two the~~ side flanges ~~of the burner.~~

Claim 84 (currently amended):      A The burner as claimed in ~~one or more of the preceding claims, characterized in that it has~~ claim 82, further comprising opposite side flanges over at least one portion of its length, there being provided a mounting for supporting a flame detector ~~and/or and~~ an ignition electrode, ~~which has the mounting having~~ a transverse fastening plate ~~whose length corresponds of a length corresponding~~ to the length of the burner with ~~such the~~ side flanges, there being provided, at opposite ends of ~~said transverse~~

~~ignition tube~~ the fastening plate, at least two riveting tabs around ~~such two~~ the side flanges of the burner.

Claim 85 (currently amended):      A The burner as claimed in claim 84, ~~characterized in that wherein~~ the tabs form, ~~at least at one end of the plate,~~ a C-shaped engagement groove for the corresponding side flange at least at one end of the plate, ~~whereas and wherein at the opposite end~~ the tabs at the opposite end ~~only~~ provide lateral containment, ~~and there being provided removable means which form~~ forming a wedge-like locking engagement of the ~~corresponding cooperating~~ side flange of the burner.

Claim 86 (currently amended):      A The burner as claimed in claim 85, ~~characterized in that said wedge-like locking wherein the removable means consist of~~ comprise an inclined extension ~~which projects~~ projecting beyond the corresponding side flange of the burner and ~~has~~ having a locking screw in a threaded hole.

Claim 87 (currently amended):      A venturi tube for a ~~an oven or grill~~ burner, comprising:  
a tubular body ~~which has~~ having at least one funnel-shaped section ~~which that~~ tapers toward a gas/air mixture supplying nozzle, ~~which section has~~ the funnel-shaped section having, in a substantially intermediate portion, at least an aperture for the intake of the primary combustion air, ~~and further comprises and~~  
a tubular sleeve that can slide in the direction of the axis of the venturi tube between a position in which the intake aperture is substantially completely closed and a position in which it is substantially completely open, ~~to adjust~~ thereby adjusting the stoichiometric gas/air ratio of the gaseous mixture reaching the burner, ~~said the~~ sleeve being provided with position locking means, ~~characterized in that~~  
wherein the venturi tube is composed of two half shells.

Claim 88 (currently amended):      A The venturi tube as claimed in claim 87, ~~characterized in that wherein~~, when the burner is fitted onto ~~the bottom or top~~ a wall of the oven, the separator plane between the two half shells is substantially parallel to the ~~bottom or top~~ wall of the oven.

Claim 89 (currently amended):       A- ~~The~~ venturi tube as claimed in claim 87 ~~or 88~~, characterized in that it is ~~wherein the venturi tube has a construction~~ symmetrical, at least in the tapering section, ~~with respect both to the separation/junction- junction plane between the two half shells and to the means for locking the gas/air stoichiometric ratio adjustment sleeve, so that these~~ and wherein the locking means, when the burner is fitted on ~~the bottom or top~~ a wall of the oven, are always situated on the accessible side.

Claim 90 (currently amended):       A ~~The~~ venturi tube as claimed in ~~one or more of claims 87 to 89~~, characterized in that it ~~claim 87~~, wherein the venturi tube extends coaxially to the tubular burner body, ~~or is oriented transversely to the tubular burner body~~.

Claim 91 (currently amended):       A ~~The~~ venturi tube as claimed in ~~one or more of claims 87 to 90~~, characterized in that it ~~claim 87~~, wherein the venturi tube is disposed in a staggered transverse position with respect to the tubular burner body.

Claim 92 (currently amended):       A ~~The~~ venturi tube as claimed in ~~one or more of the preceding claims 87 to 91~~, characterized in that it ~~claim 87~~, wherein the venturi tube is integrated with ~~[[a]] the burner, and wherein each of the two half shells whereof it is composed is comprises~~ an extension of each of the two half shells that compose, the extensions forming the tubular burner body.

Claim 93 (currently amended):       A- ~~The~~ venturi tube as claimed in ~~one or more of the preceding claims 87 to 93~~, characterized in that it has ~~claim 87~~, further comprising means for coupling ~~[[it]] the venturi tube~~ to a mounting for supporting in a predetermined position a flame detector thermocouple ~~and/or~~ and a burner igniter.

Claim 94 (currently amended):       A- ~~The~~ venturi tube as claimed in ~~one or more of the preceding claims 87 to claim 93~~, characterized in that ~~these coupling~~ wherein the means for coupling are such that cause a mutual contact and/or engagement of the surfaces of the venturi tube and of the mounting are oriented in at along at least three non-parallel planes, ~~and have such further comprising rotation preventing means that the defining the position of the mounting [[is]] accurately and uniquely defined~~.

Claim 95 (currently amended):      A The venturi tube as claimed in ~~one or more of the preceding claims 87 to 94, characterized in that it~~ claim 93, wherein the venturi tube is a separate part, and one of its ends is to be having ends tightly fitted to an end of the tubular burner body.

Claim 96 (currently amended):      A The venturi tube as claimed in claim 95, ~~characterized in that said~~ wherein the means for coupling end consists of comprise an end section ~~that has such a size as to allow insertion thereof~~ of a size insertable inside an end of the tubular burner body up to end-of-stroke abutment of the end edge of the burner and against a step, ~~particularly a continuous step,~~ that is formed on the outer surface of the venturi tube.

Claim 97 (currently amended):      A The venturi tube as claimed in claim 96, ~~characterized in that~~ further comprising means are provided for locking [[it]] the venturi tube in an inserted position inside the tubular burner body.

Claim 98 (currently amended):      A The venturi tube as claimed in claim 97, ~~characterized in that said~~ wherein the means for locking consist of comprise at least one or more, ~~but preferably at least two inner ridges particularly circular bosses, which are~~ that are provided in the proximity of the end of at least one of the, ~~but preferably both~~ half shells ~~whereof defining the burner is composed, which bosses are~~ and that are engaged in two pairs of one or more corresponding slots provided on the ~~facing~~ surface of the that part of the venturi tube that is situated inside the burner.

Claim 99 (currently amended):      A The venturi tube as claimed in ~~one or more of the preceding claims 76 to 98, characterized in that it is provided in combination with~~ claim 98, further comprising a member for ~~junction thereof~~ joining the venturi tube to the body of the tubular burner body, ~~particularly a tubular joint made of a die cast material.~~

Claim 100 (currently amended):      A The venturi tube as claimed in claim 99, ~~characterized in that said~~ wherein the member is a tubular joint ~~has a substantially rectilinear~~

shape so that the venturi tube ~~[[is]]~~ coaxial to the tubular burner body, or a curved shape, so that the venturi tube is transverse thereto.

Claim 101 (currently amended):     A The venturi tube as claimed in ~~one or more of the~~ preceding claims 77 to 100, characterized in that, at one of its ends, it has claim 98, further comprising a chamber with an opening, the chamber being situated at one end of the venturi tube and being connected to a union with ~~for connection to a union, that may be inserted to~~ size, in a tight manner, inside an aperture formed at an end of the burner, particularly an end of one of the two half shells that compose the tubular burner body.

Claim 102 (currently amended):     A The venturi tube as claimed in claim 101, characterized in that said ~~wherein the~~ union extends ~~perpendicular~~ perpendicularly to the junction planes between the half shells of the venturi tube and the half shells of the burner body, whereby said ~~the~~ junction planes are ~~being~~ parallel to each other.

Claim 103 (currently amended):     A The venturi tube as claimed in claim 102, characterized in that the sealing effect is obtained ~~wherein the~~ chamber is sealed to the burner by a mechanical process, deformation, i.e. by flanging/riveting the union on the peripheral edge wall of the aperture, before joining together the two half shells of the burner body.

Claim 104 (currently amended):     A mounting for supporting in a predetermined position a flame detector thermocouple ~~and/or~~ and a burner ~~an igniter for a burner~~, the mounting comprising:

first means for coupling ~~[[it]]~~ the mounting to the burner, ~~body and/or to the venturi tube body~~, characterized in that said coupling wherein the first means are such that have mutual contact ~~and/or engagement~~ surfaces with the burner ~~are oriented in~~ along at least three non-parallel planes, and have

second means for preventing mounting rotation, so that defining accurately the position thereof, ~~is accurately defined~~

Claim 105 (currently amended):     ~~A~~ The mounting as claimed in claim 104, characterized in that such means are provided for preventive coupling thereon of further comprising third means for coupling the mounting to the a thermocouple ~~and/or the~~ and an igniter, the third means providing predefined positions of the thermocouple and of the igniter ~~that the position of the latter is uniquely defined both~~ with respect to the mounting and, when the mounting is fitted on the burner ~~and/or the venturi tube~~, with respect to the gas/air ~~mixture~~ mixture outlet holes.

Claim 106 (currently amended):     ~~A~~ The mounting as claimed in claim 104 or 105, characterized in that, at one end, it wherein the mounting is profiled at one end as a U-shaped arm, on a side wall whereof one or more, ~~but preferably two~~ holes ~~are being~~ provided, each hole being coaxial to a corresponding hole formed on the opposite wall, each pair of coaxial holes being designed for axial introduction of the igniter ~~and/or~~ and the thermocouple respectively.

Claim 107 (currently amended):     ~~A~~ The mounting as claimed in claim 106, characterized in that means are provided further comprising fourth means for locking the thermocouple ~~and/or~~ and the igniter in an inserted position inside the respective ~~pair~~ pairs of holes.

Claim 108 (currently amended):     ~~A~~ The mounting as claimed in claim 107, characterized in that said means consist of wherein the fourth means comprise at least one ~~elastic member, e.g. a clip, tingle or the like~~ respectively detachable member for locking the thermocouple and the igniter into position.

Claim 109 (currently amended):     ~~A~~ The mounting as claimed in one or more of the preceding claims 104 to 108, characterized in that claim 106, wherein the U-shaped arm has an extension ~~for connection thereof~~ connecting the U-shaped arm to the burner body.

Claim 110 (currently amended):     ~~A~~ The mounting as claimed in claim 109, wherein the burner comprises a parabolic reflector; ~~characterized in that said~~

wherein the extension is an end extension of the base side of the U-shaped arm, which consists of a plate-like, the end extension comprising a plate-shaped member, whose end is having a perforated end;

wherein the parabolic reflector is connected to the burner by one or more centering and fastening bolts;

wherein the perforated end to allow enables the passage of the parabolic reflector one or more centering and fastening bolt close to in one or more fastening holes in the proximity of the end of the burner body associated to the venturi tube[[,]]; and

wherein the plate being is clamped above and against said the parabolic reflector at the same time as the latter parabolic reflector is clamped against the outer face of the half shell of the burner body which carries said that carries the one or more fastening bolts, bolt.

Claim 111 (currently amended):     A- The mounting as claimed in claim 110, characterized in that each of the two side edges of wherein the end with the one or more fastening hole holes extends transversely by a tab that is oriented in the direction of the burner body in such a manner as to form a bridge-like end, particularly having a trapezoid cross-section, which overlaps, through a pair of apertures formed in the parabolic reflector, two longitudinal grooves formed on the outer face of the burner half shell of the burner body that carries the bolts, in such a manner as to prevent preventing rotation of the mounting.

Claim 112 (currently amended):     A- The mounting as claimed in one or more of the preceding claims 104 to 111, characterized in that it has claim 106, wherein the mounting comprises a first section oriented opposite the gas/air mixture inflow direction, a second curved section, and a third section, substantially corresponding to the channel-shaped section, which is oriented in the gas/air mixture inflow direction, particularly substantially through 45°.

Claim 113 (currently amended):     A- The mounting as claimed in one or more of the preceding claims, characterized in that the burner connection claim 106, wherein the extension connected to the burner consists of comprises a plate for extension of extending the open one side of the U-shaped arm, which plate has to acquire a "C" shape having a first U- bent edge, for insertion of for connecting to a free peripheral edge of an outer tab of the

~~burner and/or the venturi tube, and having a second~~ whereas the opposite U-bent edge shaped to define has at least one or more, but preferably two U-bent tabs on the same side of the U-bent edge, which form two "C" shaped teeth to be fitted in two into corresponding holes formed in the outer tab of the burner body and/or the venturi tube.

Claim 114 (currently amended):     A- ~~The mounting as claimed in claim 113, characterized in that wherein~~ the plate has, in a substantially intermediate position between the ~~two U-bent edges, a step whose front is turned toward the U-bent edge and that, when the plate is fitted thereon, that~~ causes an elastic deformation of the cooperating outer tab of the venturi tube for further retaining and that further retains the mounting in position.

Claim 115 (currently amended):     A- ~~The mounting as claimed in claim 113 or 114, characterized in that, when it is fitted on the burner body and/or the venturi tube body, wherein~~ the U- shaped arm section is oriented in the gas/air mixture inflow direction and forms is fitted on the burner body at an angle of about 45° with said the direction of the gas/air mixture inflow.

Claim 116 (currently amended):     A mounting for supporting at least ~~one flame detector and/or ignition~~ an electrode in a burner assembly, characterized in that it includes wherein the mounting comprises a transverse fastening plate, whose of a length corresponds corresponding to the total width of the burner, including inclusive of a side flange provided on both sides of the burner over at least a predetermined partial length thereof, and that said and wherein the fastening plate has stable fastening means by elastic deformation and/or removable by fastening thereof comprises means for fastening to each of said the two side flanges of the burner.

Claim 117 (currently amended):     A process for fabricating ~~an oven or grill~~ a burner as claimed in one or more of the preceding claims 1 to 87 and having comprising an upper half shell, a lower half shell, a venturi tube for supplying a, whose gas/air mixture supply to the burner, and a parabolic reflector, wherein the upper and lower half shell each have a free end and a truncated end, and wherein the longitudinal axis of the venturi tube does not coincide



with the ~~burner~~ longitudinal axis of the burner, as ~~claimed in one or more of claims 87 to 103,~~  
~~characterized in that it includes the process comprising~~ the steps of:

[[~~-~~]] ~~Forming~~ forming the ~~an~~ upper and a lower half shells by cutting a metal sheet  
and by bending, drawing and trimming its edges[[.]];

[[~~-~~]] ~~Making~~ making a hole at an end of a face of the lower half a shell[[.]];

[[~~-~~]] ~~Fitting~~ fitting the lower half shell onto the venturi tube, by inserting ~~the sleeve~~  
an end of the venturi tube in the hole and by pressing the ~~sleeve~~ end of the venturi tube  
around the edge of the hole[[.]];

[[~~-~~]] ~~Forming~~ forming gas/air mixture outlet holes on the two half shells[[.]];

[[~~-~~]] ~~Cramping~~ crimping the two half shells to form the burner body while forming  
the pilot burner[[.]];

[[~~-~~]] ~~Welding~~ welding the parabolic reflector fastening bolts on the upper half  
shell[[.]];

[[~~-~~]] ~~Closing~~ closing an end of the burner body by pressing together the ~~free~~ and  
truncated ends of the two half shells[[.]], the truncated ends creating a flattened end;

[[~~-~~]] ~~Deforming said~~ deforming the flattened end to create a burner fastening  
base[[.]];

[[~~-~~]] ~~Positioning~~ positioning the parabolic reflector on the upper half shell[[.]];

[[~~-~~]] ~~Positioning the~~ positioning a mounting for ~~the~~ an igniter and ~~the~~ a thermocouple  
on the upper half shell[[.]]; and

[[~~-~~]] ~~Securing~~ securing the parabolic reflector and the mounting.

Claim 118 (currently amended):     ~~A~~ The process as claimed in claim 117, characterized  
~~in that it further includes~~ further comprising the step of forming an aperture on the surface of  
the parabolic reflector, and downwardly bending the edge of said aperture to form an ignition  
tube.

Claim 119 (currently amended):     A process for fabricating a burner comprising an upper  
half shell, a lower half shell, a venturi tube for supplying a gas/air mixture to the burner, and  
a parabolic reflector, wherein the upper and lower half shell each have a free end and a  
truncated end, and wherein the longitudinal axis of the venturi tube does not coincide with the  
longitudinal axis of the burner, the process comprising the steps of: an oven or grill burner as

~~claimed in one or more of the preceding claims 1 to 87 and having a venturi tube, whose gas/air mixture supply axis coincides with the burner axis, characterized in that it includes the steps of:~~

~~[[ -]] Making~~ making an upper half shell ~~with~~ having an integrated half shell at one of its ends[[,]] to form a half part of [[a]] the venturi tube, and a lower half shell ~~with~~ having an integrated half shell at one of its ends[[,]] to form the other half part of the venturi tube, by cutting a metal sheet and bending, drawing and trimming its edges[[.]];

~~[[ -]] Cramping~~ crimping the two half shells to form the burner body while forming the pilot burner and the venturi tube[[.]];

~~[[ -]] Tightly creating~~ creating a truncated end of the burner body and tightly locking an end ~~closing and/or a~~ flame arc forming head member at the truncated end ~~of the burner body~~[[,]] by clutching and mechanical compression deformation, the truncated end having an extension[[.]];

~~[[ -]] Forming~~ forming gas/air mixture outlet holes on the two half shells[[.]];

~~[[ -]] Welding~~ welding the parabolic reflector fastening bolts on the upper half shell[[.]];

~~[[ -]] Deforming~~ deforming an ~~the~~ extension of the truncated end ~~wall of one of the two half shells~~ to create a burner fastening base[[.]];

~~[[ -]] Positioning~~ positioning the parabolic reflector on the upper half shell[[.]];

~~[[ -]] Positioning the~~ positioning a mounting for ~~the~~ an igniter and ~~the~~ a thermocouple on the upper half shell[[.]]; and

~~[[ -]] Securing~~ securing the parabolic reflector and the mounting.

Claim 120 (currently amended):      A process for fabricating a burner comprising an upper half shell, a lower half shell, a venturi tube for supplying a gas/air mixture to the burner, a pilot burner, and a parabolic reflector, and wherein the longitudinal axis of the venturi tube coincides with the longitudinal axis of the burner, the process comprising the steps of:  
~~an oven or grill burner as claimed in one or more of the preceding claims 1 to 87 and having a venturi tube, whose gas/air mixture supply axis coincides with or is on the same axis as the burner axis, characterized in that it includes the steps of:~~

~~[[ -]] Forming an~~ forming the upper and a lower half shells by cutting a metal sheet and by bending, drawing and trimming its edges[[.]];

[[~~-~~]] ~~Cramping~~crimping the two half shells to form the burner body while forming the pilot burner, in such a manner as to form a tubular burner body that is truncated at both ends[[.]], one truncated end having an extension;

[[~~-~~]] ~~Tightly~~tightly locking ~~an end closing and/or a flame arc forming head member at the one~~ truncated end of the burner body[[.]] by clutching and mechanical compression deformation[[.]];

[[~~-~~]] ~~Tightly~~tightly locking a ~~rectilinear or curved~~ joint at the opposite truncated end of the burner body[[.]] by clutching and mechanical compression deformation[[.]];

[[~~-~~]] ~~Forming~~forming gas/air mixture outlet holes on the two half shells[[.]];

[[~~-~~]] ~~Welding~~welding the parabolic reflector fastening bolts on the upper half shell[[.]];

[[~~-~~]] ~~Deforming an~~deforming the extension of the truncated end ~~wall of one of the two half shells~~ to create a burner fastening base[[.]];

[[~~-~~]] ~~Positioning~~positioning the parabolic reflector on the upper half shell[[.]];

[[~~-~~]] ~~Positioning the~~positioning a mounting for ~~the an~~ igniter and ~~the a~~ thermocouple on the upper half shell[[.]]; and

[[~~-~~]] ~~Securing~~securing the parabolic reflector and the mounting.

Claim 121 (currently amended):      A process for fabricating a burner comprising an upper half shell, a lower half shell, a venturi tube for supplying a gas/air mixture to the burner, a pilot burner, and a parabolic reflector, and wherein the longitudinal axis of the venturi tube coincides with the longitudinal axis of the burner, the process comprising the steps of: an even or grill burner as claimed in one or more of the preceding claims 1 to 87 and having a venturi tube, whose gas/air mixture supply axis coincides with or is on the same axis as the burner axis, characterized in that it includes the steps of:

[[~~-~~]] ~~Forming an~~forming the upper and a lower half shells by cutting a metal sheet and by bending, drawing and trimming its edges[[.]];

[[~~-~~]] ~~Cramping~~crimping the two half shells to form the burner body while forming the pilot burner and a flame arc forming head terminal at one end, ~~the opposite end having and forming a truncated profile at the opposite end, the truncated profile having an extension~~[[.]];

[[~~-~~]] ~~Tightly~~tightly locking a ~~rectilinear or curved~~ joint at the truncated end opposite to the flame arc forming head[[.]] by clutching and mechanical compression deformation[[.]];

~~[[ -]] Forming-forming~~ gas/air mixture outlet holes on the two half shells[[.]];  
~~[[ -]] Welding-welding~~ the parabolic reflector fastening bolts on the upper half shell[[.]];

~~[[ -]] Deforming-an deforming the~~ extension of the truncated end ~~wall of one of the two half shells~~ to create a burner fastening base[[.]];

~~[[ -]] Positioning-positioning~~ the parabolic reflector on the upper half shell[[.]];

~~[[ -]] Positioning-positioning~~ the mounting for the igniter and the thermocouple on the upper half shell[[.]];

~~[[ -]] Securing-securing~~ the parabolic reflector and the mounting.

Claim 122 (currently amended):      A process for fabricating a burner comprising an upper half shell, a lower half shell, a venturi tube for supplying a gas/air mixture to the burner, a pilot burner, and a parabolic reflector, and wherein the longitudinal axis of the venturi tube is not coincident with the longitudinal axis of the burner, the process comprising the steps of:  
~~an oven or grill burner as claimed in one or more of the preceding claims 1 to 87 and having a venturi tube, whose gas/air mixture supply axis does not coincide with or is not on the same axis as the burner axis, characterized in that it includes the steps of:~~

~~[[ -]] Forming-forming~~ an upper and a lower half shells by cutting a metal sheet and by bending, drawing and trimming its edges[[.]];

~~[[ -]] Making-making~~ a hole at an end of ~~a face of the~~ lower half shell[[.]];

~~[[ -]] Fitting-fitting~~ the lower half shell onto the ~~venture-venturi~~ tube[[.]] by inserting ~~the sleeve one end~~ of the venturi tube in the hole and by pressing the ~~sleeve end of the venturi tube~~ around the edge of the hole[[.]];

~~[[ -]] Cramping-crimping~~ the two half shells to form the burner body while forming the pilot burner, in such a manner as to form a tubular burner body that is truncated at both ends and that has a member closing at least one end, wherein the closing members being member is a flame arc forming head or a separate closing member, the closing member being that are pressed on one or both ends of the tubular member or tightly fitted on the at least one end, of the two ends. and wherein at least one truncated end has an extension;

~~[[ -]] Forming-forming~~ gas/air mixture outlet holes on the two half shells[[.]];

~~[[ -]] Welding-the welding~~ parabolic reflector fastening bolts on the upper half shell[[.]];

~~[[ -]] Deforming-an~~ deforming the extension of the truncated end wall of one of the two half shells to create a burner fastening base[[.]];

~~[[ -]] Positioning-positioning~~ the parabolic reflector on the upper half shell[[.]];

~~[[ -]] Positioning-the~~ positioning a mounting for ~~the-an~~ igniter and ~~the-a~~ thermocouple on the upper half shell[[.]]; and

~~[[ -]] Securing-~~ securing the parabolic reflector and the mounting.

Claim 123 (currently amended): A process for fabricating a burner comprising an upper half shell, a lower half shell, a venturi tube for supplying a gas/air mixture to the burner, a pilot burner, and a parabolic reflector, and wherein the longitudinal axis of the venturi tube coincides with the longitudinal axis of the burner, the process comprising the steps of: an even or grill burner as claimed in one or more of the preceding claims 1 to 87 and having a venturi tube, whose gas/air mixture supply axis coincides with or is on the same axis as the burner axis, characterized in that it includes the steps of:

~~[[ -]] Making an upper half shell with-having~~ an integrated half shell at one of its ends[[,]] to form a half part of a-the venturi tube, and a lower half shell ~~with-having~~ an integrated half shell at one of its ends[[,]] to form the other half part of the venturi tube, by cutting a metal sheet and bending, drawing and trimming its edges[[.]];

~~[[ -]] Cramping-crimping~~ the two half shells to form the burner body while forming the pilot burner and the venturi tube[[.]];

~~[[ -]] Forming-forming~~ gas/air mixture outlet holes on the two half shells[[.]];

~~[[ -]] Sealing-sealing~~ the ~~truncated-tubular~~ body end opposite to the venturi tube by pressing together the two half shells along a predetermined end section and creating a truncated end having an extension[[.]];

~~[[ -]] Welding-the~~ welding parabolic reflector fastening bolts on the upper half shell[[.]];

~~[[ -]] Deforming-an~~ deforming the extension of the truncated end wall of ~~at least one of the two half shells~~ to create a burner fastening base[[.]];

~~[[ -]] Positioning-positioning~~ the parabolic reflector on the upper half shell[[.]];

~~[[ -]] Positioning-the~~ positioning a mounting for ~~the-an~~ igniter and ~~the-a~~ thermocouple on the upper half shell[[.]]; and

~~[[ -]] Securing-~~ securing the parabolic reflector and the mounting.

Claim 124 (currently amended):     The process ~~Process~~ as claimed in claim 123,  
characterized in that, instead of providing an integrated wherein the venturi tube is not  
integrated with the burner,  
wherein the burner comprises a tubular body ~~is provided, that is~~ truncated at both  
ends, and  
wherein the venturi tube being is secured to one ~~of these ends~~ end of the tubular body .  
by clutching and tight fitting the tubular body directly at the end of the venturi ~~tube or~~  
~~indirectly onto a junction element which is in turn sealed to the end of the venturi tube.~~

Claim 125 (new):     The process as claim in claim 124, further comprising a junction  
element tightly fitted between the tubular body and the venturi tube.